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(FILE 'HOME' ENTERED AT 15:21:24 ON 02 AUG 2006)

FILE 'REGISTRY' ENTERED AT 15:21:32 ON 02 AUG 2006

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L1      55 SEA PLU=ON VRIP/SQSP AND SQL=<25
        E INTERFERON-BETA/CN
L2      1 SEA PLU=ON "INTERFERON-BETA (HUMAN GENE INTERFERON-BETA)"/CN
        D L2
        E INTERFERON/CN
        E INTERFERON B/CN
L3      1 SEA PLU=ON "INTERFERON B"/CN
L4      101 SEA PLU=ON ("INTERFERON B"/CN OR "INTERFERON B
        (101-PHENYLALANINE) (HUMAN)"/CN OR "INTERFERON B (11-ASPARAGI
        AGINE) (HUMAN PRECURSOR)"/CN OR "INTERFERON B (11-ASPARAGI
        NE,13-THREONINE) (HUMAN PRECURSOR)"/CN OR "INTERFERON B
        (110-ASPARAGINE) (HUMAN PRECURSOR)"/CN OR "INTERFERON B
        (110-ASPARAGINE,112-SERINE) (HUMAN PRECURSOR)"/CN OR "INTERFERO
        N B (111-ASPARAGINE) (HUMAN)"/CN OR "INTERFERON B
        (111-ASPARAGINE,113-THREONINE) (HUMAN PRECURSOR)"/CN OR
        "INTERFERON B (111-ASPARAGINE,116-GLUTAMIC ACID) (HUMAN)"/
        CN OR "INTERFERON B (111-ASPARAGINE,120-ARGININE)
        (HUMAN)"/CN OR "INTERFERON B (116-ASPARAGINE) (HUMAN
        PRECURSOR)"/CN OR "INTERFERON B (116-ASPARAGINE,118-THREON
        INE) (HUMAN PRECURSOR)"/CN OR "INTERFERON B (13-ALANINE,84
        -ISOLEUCINE,91-ISOLEUCINE,118-CYSTEINE,146-ISOLEUCINE,157-LEUCI
        NE,161-CYSTEINE) (HUMAN)"/CN OR "INTERFERON B (13-GLUTAMIC
        ACID,17-ASPARTIC ACID,69-VALINE,84-ISOLEUCINE,91-ISOLEUCINE,11
        8-ALANINE,122-ISOLEUCINE,146-ISOLEUCINE,157-LEUCINE,161-ALANINE
        ) (HUMAN)"/CN OR "INTERFERON B (13-GLUTAMIC ACID,17-ASPART
        IC ACID,84-ISOLEUCINE,91-ISOLEUCINE,118-ALANINE,122-ALANINE,157
        -LEUCINE,161-ALANINE) (HUMAN)"/CN OR "INTERFERON B
        (13-GLUTAMIC ACID,17-ASPARTIC ACID,84-ISOLEUCINE,91-ISOLEUCINE,
        118-ALANINE,146-ISOLEUCINE,157-LEUCINE) (HUMAN)"/CN OR
        "INTERFERON B (13-GLUTAMIC ACID,17-ASPARTIC ACID,84-ISOLEU
        CINE,91-ISOLEUCINE,118-CYSTEINE,146-ISOLEUCINE,161-CYSTEINE)
        (HUMAN)"/CN OR "INTERFERON B (13-GLUTAMIC ACID,17-ASPARTIC
        ACID,84-ISOLEUCINE,91-ISOLEUCINE,118-CYSTEINE,161-CYSTEINE)
        (HUMAN)"/CN OR "INTERFERON B (13-GLUTAMIC ACID,56-LEUCINE,
        84-ISOLEUCINE,91-ISOLEUCINE,114-LEUCINE,118-GLUTAMIC ACID,161-G
        LUTAMIC ACID) (HUMAN)"/CN OR "INTERFERON B (13-LEUCINE,17-
        ALANINE,56-LEUCINE,84-ISOLEUCINE,87-PHENYLALANINE,91-LEUCINE,11
        4-PHENYLALANINE,118-LEUCINE,122-ISOLEUCINE,161-GLUTAMIC ACID)
        (HUMAN)"/CN OR "INTERFERON B (13-LEUCINE,56-LEUCINE,84-ISO
        LEUCINE,91-ISOLEUCINE,114-PHENYLALANINE,118-LEUCINE,122-ISOLEUC
        INE,161-AL
L5      825 SEA PLU=ON ("INTERFERON B (49-ASPARAGINE, 51-THREONINE)
        (HUMAN)"/CN OR "INTERFERON B (49-ASPARAGINE, 51-THREONINE,
        111-ASPARAGINE, 113-THREONINE) (HUMAN)"/CN OR "INTERFERON
        B (49-ASPARAGINE, 51-THREONINE, 71-ASPARAGINE, 73-THREONIN
        E, 111-ASPARAGINE, 113-THREONINE) (HUMAN)"/CN OR "INTERFERON
        B (49-ASPARAGINE,51-THREONINE) (HUMAN PRECURSOR)"/CN OR
        "INTERFERON B (49-ASPARAGINE,51-THREONINE, 111-ASPARAGINE,
        113-THREONINE) (HUMAN PRECURSOR)"/CN OR "INTERFERON B
        (49-LYSINE, 111-LYSINE) (HUMAN)"/CN OR "INTERFERON B
        (5-GLUTAMINE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,11
        1-ASPARAGINE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,11
        1-ASPARAGINE,116-GLUTAMIC ACID) (HUMAN)"/CN OR "INTERFERON
        B (5-GLUTAMINE,111-ASPARAGINE,120-ARGININE) (HUMAN)"/CN

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OR "INTERFERON B (5-GLUTAMINE,116-GLUTAMIC ACID,120-ARGININE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,120-ARGININE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,47-LYSINE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,47-LYSINE,111-ASPARAGINE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,47-LYSINE,111-ASPARAGINE,116-GLUTAMIC ACID) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,47-LYSINE,116-GLUTAMIC ACID,120-ARGININE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,47-LYSINE,120-ARGININE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,8-GLUTAMIC ACID) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,8-GLUTAMIC ACID,111-ASPARAGINE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,8-GLUTAMIC ACID,111-ASPARAGINE,116-GLUTAMIC ACID) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,8-GLUTAMIC ACID,111-ASPARAGINE,116-GLUTAMIC ACID,120-ARGININE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,8-GLUTAMIC ACID,111-ASPARAGINE,120-ARGININE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,8-GLUTAMIC ACID,116-GLUTAMIC ACID) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,8-GLUTAMIC ACID,116-GLUTAMIC ACID,120-ARGININE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,8-GLUTAMIC ACID,120-ARGININE) (HUMAN)"/CN OR "

L6

131 SEA PLU=ON ("INTERFERON B-1B (25-ASPARTIC ACID) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B-1B (25-ISOASPARTIC ACID) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B-1B (HUMAN)"/CN OR "INTERFERON B-2A (HUMAN)"/CN OR "INTERFERON B1 (103-ASPARAGINE,105-SERINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (103-ASPARAGINE,105-THREONINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (104-ASPARAGINE,106-SERINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (104-ASPARAGINE,106-THREONINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (107-ASPARAGINE,109-SERINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (107-ASPARAGINE,109-THREONINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (108-ASPARAGINE,110-SERINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (108-ASPARAGINE,110-THREONINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (11-ASPARAGINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (110-ASPARAGINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (110-PHENYLALANINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (110-TRYPTOPHAN) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (110-TYROSINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (110-VALINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (111-ASPARAGINE,113-SERINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (111-ASPARAGINE,113-THREONINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (116-ASPARAGINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (12-ASPARAGINE,14-SERINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (12-ASPARAGINE,14-THREONINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (123-ALANINE) (HUMAN FIBROBLAST)"/CN OR "INTERFERON B1 (124-ALANINE) (HUMAN FIBROBLAST)"/CN OR "INTERFERON B1 (125-ALANINE) (HUMAN FIBROBLAST)"/CN OR "INTERFERON B1 (15-ASPARAGINE,17-SERINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (15-ASPARAGINE,17-THREONINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (16-ASPARAGINE,18-SERINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (16-ASPARAGINE,18-THREONINE) (SYNTHETIC HUMAN)"/CN OR "

D L2

FILE 'HCAPLUS, USPATFULL, USPAT2' ENTERED AT 15:29:13 ON 02 AUG 2006

FILE 'REGISTRY' ENTERED AT 15:29:19 ON 02 AUG 2006

L7                   SEL PLU=ON   L1 1- CHEM :       154 TERMS  
FILE 'HCAPLUS, USPATFULL, USPAT2' ENTERED AT 15:29:25 ON 02 AUG 2006  
FILE 'REGISTRY' ENTERED AT 15:36:29 ON 02 AUG 2006  
L8                   SEL PLU=ON   L1 1- CHEM :       154 TERMS  
FILE 'HCAPLUS, USPATFULL, USPAT2' ENTERED AT 15:36:31 ON 02 AUG 2006  
L9                   64 SEA PLU=ON   L1  
L10                  183 SEA PLU=ON   (L2 OR L3 OR L4 OR L5 OR L6)  
L11                  0 SEA PLU=ON   L9 AND L10  
L12                  51 DUP REM L9 (13 DUPLICATES REMOVED)  
                    ANSWERS '1-39' FROM FILE HCAPLUS  
                    ANSWERS '40-51' FROM FILE USPATFULL  
                    D L12 39 IBIB HITSTR  
                    D L12 35-38 IBIB HITSTR  
  
FILE 'STNGUIDE' ENTERED AT 15:42:50 ON 02 AUG 2006  
  
FILE 'HCAPLUS, USPATFULL' ENTERED AT 15:52:42 ON 02 AUG 2006  
                    D L12 30-34 IBIB HITSTR  
  
FILE 'STNGUIDE' ENTERED AT 15:52:43 ON 02 AUG 2006  
  
FILE 'HCAPLUS, USPATFULL' ENTERED AT 15:56:45 ON 02 AUG 2006  
                    D L12 40-51 IBIB HITSTR  
  
FILE 'STNGUIDE' ENTERED AT 15:56:51 ON 02 AUG 2006  
  
FILE HOME  
  
FILE REGISTRY  
Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.  
  
STRUCTURE FILE UPDATES:    1 AUG 2006   HIGHEST RN 897851-29-5  
DICTIONARY FILE UPDATES:   1 AUG 2006   HIGHEST RN 897851-29-5  
  
New CAS Information Use Policies, enter HELP USAGETERMS for details.  
  
TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006  
  
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experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:  
  
<http://www.cas.org/ONLINE/UG/regprops.html>  
  
FILE HCAPLUS  
FILE COVERS 1907 - 2 Aug 2006   VOL 145 ISS 6  
FILE LAST UPDATED: 1 Aug 2006   (20060801/ED)  
  
FILE USPATFULL  
FILE COVERS 1971 TO PATENT PUBLICATION DATE: 1 Aug 2006 (20060801/PD)

FILE LAST UPDATED: 1 Aug 2006 (20060801/ED)  
CA INDEXING IS CURRENT THROUGH 1 Aug 2006 (20060801/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 1 Aug 2006 (20060801/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2006

## FILE USPAT2

FILE COVERS 2001 TO PUBLICATION DATE: 1 Aug 2006 (20060801/PD)  
FILE LAST UPDATED: 1 Aug 2006 (20060801/ED)  
CA INDEXING IS CURRENT THROUGH 1 Aug 2006 (20060801/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 1 Aug 2006 (20060801/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2006

## FILE STNGUIDE

FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Jul 28, 2006 (20060728/UP).

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L1	55 SEA FILE=REGISTRY PLU=ON VRIP/SQSP AND SQL=<25
L9	64 SEA L1
L12	51 DUP REM L9 (13 DUPLICATES REMOVED)